

## **Abbie H. Tingstad, Ph.D.**

### **Professional Preparation**

University of California, Los Angeles	Geography	Ph.D., 2010
The University of Oxford	Geomorphology	M.Sc., 2005
Massachusetts Institute of Technology	Mathematics	B.S., 2004

### **Professional Appointments**

#### *The RAND Corporation*

Associate Research Department Director, Engineering and Applied Sciences	2018-present
Senior Physical Scientist	2018-present
Full Physical Scientist	2014-2018
Associate Physical Scientist	2010-2014

### **Selected Publications**

Tingstad, A. (2018). Climate, Geopolitics, and Change in the Arctic. Santa Monica, CA: RAND Corporation, 2018. <https://www.rand.org/pubs/testimonies/CT501.html>.

Tingstad, A., Savitz, S., Van Abel, K., Woods, D., Anania, K., Ziegler, M. D., ... & Costello, K. (2018). *Identifying Potential Gaps in US Coast Guard Arctic Capabilities*. RAND Corporation.

Pezard, S., Tingstad, A., & Hall, A. (2018). The Future of Arctic Cooperation in a Changing Strategic Environment.

Pezard, S., Tingstad, A., Van Abel, K., & Stephenson, S. (2017). Maintaining Arctic Cooperation with Russia: Planning for Regional Change in the Far North. Rand Corporation.

Tingstad, A., Lempert, R. J., Moskwik, M., Warren, D. L., Parmesan, C., Mearns, L. O., ... & Ryu, Y. (2017). Demonstrating the Applicability of a Robust Decision Making (RDM) to Conservation Decision-Making Under Uncertain Future Climate. *Journal of Conservation Planning*, 13, 11-24.

Tingstad, A. H., Groves, D. G., & Lempert, R. J. (2013). Paleoclimate scenarios to inform decision making in water resource management: Example from southern California's inland empire. *Journal of Water Resources Planning and Management*, 140(10), 04014025.

Tingstad, A. H., & MacDonald, G. M. (2010). Long-Term Relationships Between Ocean Variability and Water Resources in Northeastern Utah 1. *JAWRA Journal of the American Water Resources Association*, 46(5), 987-1002.

- Tingstad, A. (2008). Simulation of salt weathering in a closely replicated coastal environment. *Geografiska Annaler: Series A, Physical Geography*, 90(2), 165-171.
- MacDonald, G. M., & Tingstad, A. H. (2007). Recent and multicentennial precipitation variability and drought occurrence in the Uinta Mountains region, Utah. *Arctic, Antarctic, and Alpine Research*, 39(4), 549-555.
- Tingstad, A. H., & Smith, D. E. (2007). El Nino and sea level anomalies: a global perspective. *Geology Today*, 23(6), 215-218.